

King County DNRP Water Quality Index

STATION **C370** WATER YEAR **2018**

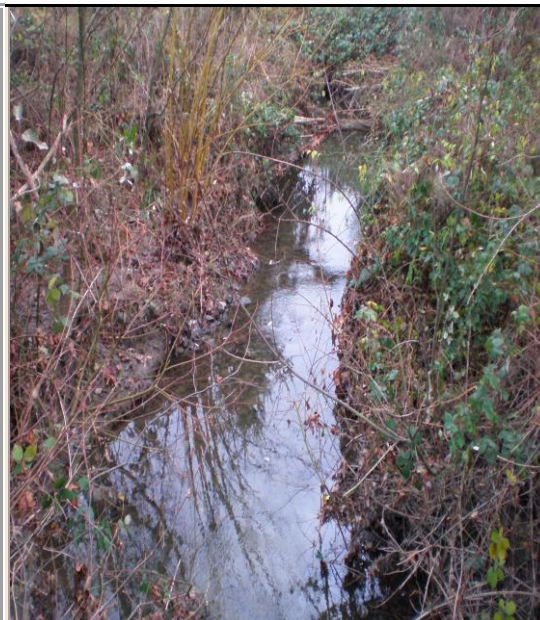
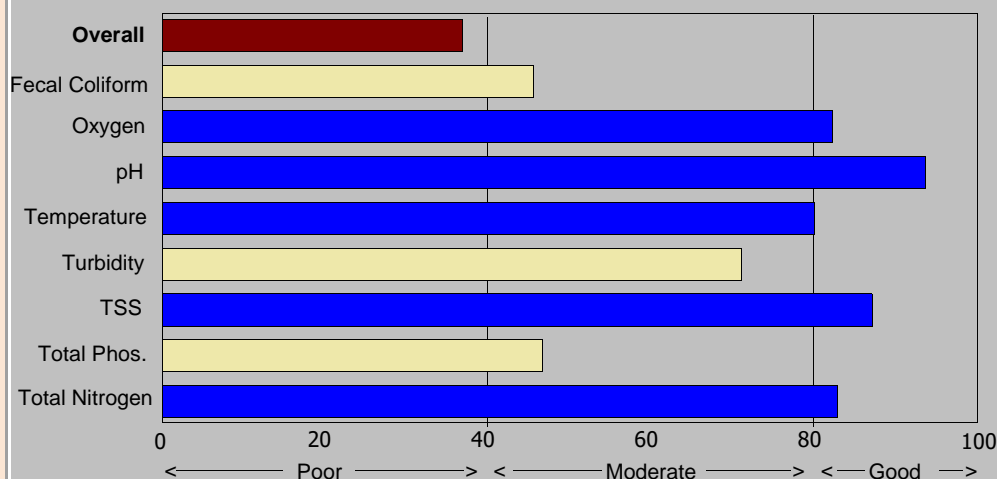
GAUGE # 90a Longfellow Creek

Overall Index 37

King County has monitored water quality in Longfellow Creek at two locations. Water quality samples were collected at station C370, located at the footbridge on SW Yancy Street near 28th Ave SW, from 1979 to 2008 when budget cutbacks reduced the breadth of King County's water quality monitoring program. Regular sampling resumed at this location in 2013. Longfellow Creek flows 4.2 miles through West Seattle, one third of which is through pipes beneath shopping centers, houses, and roads, and drains into the West Duwamish Waterway. The basin encompasses 2,685 heavily urbanized acres. The creek is on the Washington State Department of Ecology's 303(d) list, Category 5, for violations of temperature, dissolved oxygen and fecal coliform bacteria standards.

Annual Water Quality Index Scores

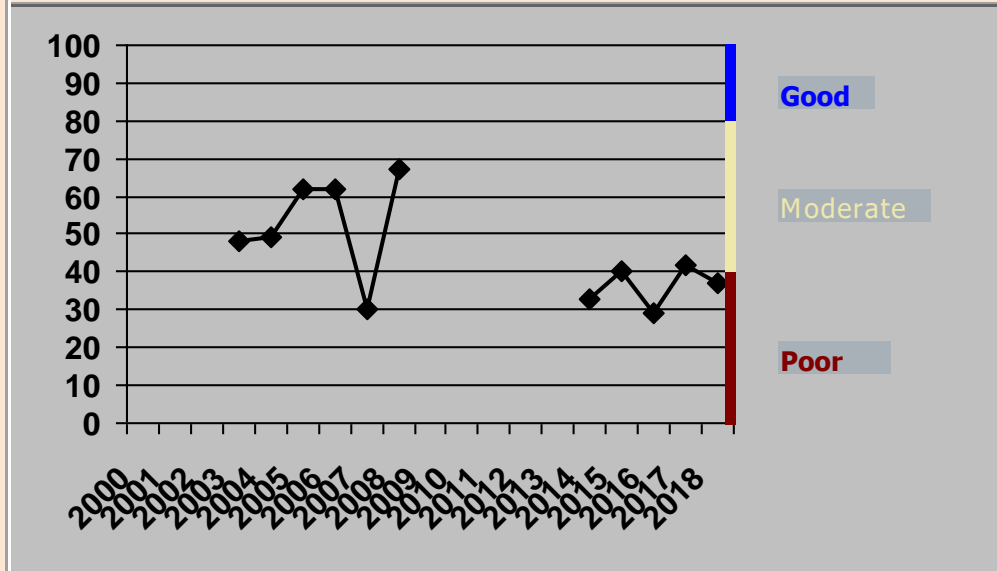
Water quality was POOR based on data collected 10/1/2017 to 9/30/2018.



Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
65	69	82	54	58	77	83	54	28	40	67	42

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>